

TCO-3

Digital Timebase Corrector Changeover Unit



Features

- Time shares TBC with up to two VPRs and one U-matic VCR
- Switches all functions in standard VPR/TBC Cable
- Switches VPR audio and video
- Can be remote controlled
- Low power consumption
- Compact size

Time Sharing

The TCO-3 digital timebase corrector changeover unit facilitates time sharing of TBC units between VPR series recorders and U-matics. It accepts audio, video and control signals from each VTR and routes them in turn to the TBC. Changeover operation is controlled by lighted front panel switches or, for added convenience, a user supplied remote control panel may be placed up to 100 feet from the unit.

Functions switched are:

- Video from one of three VTRs to TBC
- TBC control lines from VPRs to TBC
- Video monitor co-ax out of TBC to VPRs
- Audio channel 1 and channel 2 from one of three VTRs. Routing is same as video.

The unit is designed for rack mounting and measures 5.25 inches high with all cable

connections at rear. All VPR/TBC control cables have double "loop through" connectors allowing the VTR signals to be used elsewhere when not routed through the TCO-3; i.e., when the VTR is off-line.

Front access of the PWA and relays simplifies maintenance. The unit features

universal power (100/115/200/230 VAC, 50/60 Hz). In addition, sync distribution can be jumper-selected to accommodate station reference or advance sync.

Figure A depicts a typical system configuration.

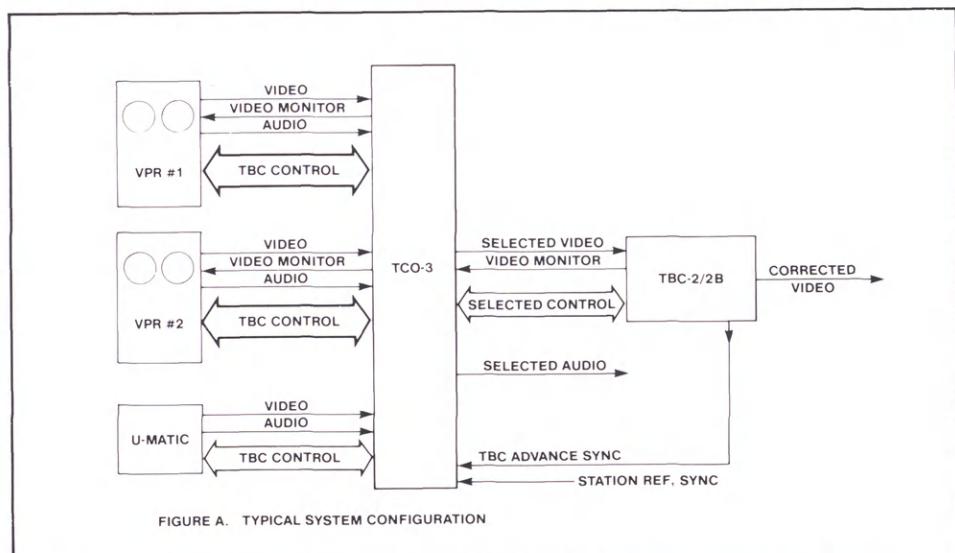


FIGURE A. TYPICAL SYSTEM CONFIGURATION

U.S. Field Offices In: CALIFORNIA, Cupertino (408) 255-4800; Glendale (213) 240-5000 • GEORGIA, Atlanta (404) 451-7112 • ILLINOIS, Arlington Heights (312) 593-6000 • KENTUCKY, Louisville (502) 239-6111 • MARYLAND, Bethesda (301) 530-8800 • NEW JERSEY, Allendale (201) 825-9600 (in New York 736-6118) • OHIO, Dayton (513) 254-6101 • TEXAS, Carrollton (214) 960-1162 • UTAH, Salt Lake City (801) 487-8181 • WASHINGTON, Tukwila (206) 575-0156

AMPEX

Ampex Corporation, Audio-Video Systems Division
401 Broadway
Redwood City, California 94063

International Offices and Representatives: ARGENTINA, Buenos Aires 46-2776, 46-7690, 45-6823 • AUSTRALIA, North Ryde (02) 887-3333 • BELGIUM, Nivelles 067/22.49.21 • BRAZIL, Rio de Janeiro (021) 274-8122 • CANADA, Bramalea (416) 791-3100 • COLOMBIA, Bogota 236-7855 • FRANCE, Paris 270.55.00 • GERMANY (FEDERAL REPUBLIC), Frankfurt (Main) 60580 • GREECE, Athens 6830611 • HONG KONG, Kowloon 3-678051-3, 3-7210323-4 • ITALY, Rome (06) 54-69-91 • JAPAN, Tokyo 03-264-7331 • MEXICO, Mexico City 539-68-70/71/72 • NETHERLANDS, Utrecht 030-61.29.21 • SINGAPORE, Singapore 2239241 • SPAIN, Madrid 20.29.141 • SWEDEN, Sundbyberg 08/28 29 10 • SWITZERLAND, Fribourg 037-81.31.11 • UNITED KINGDOM, Reading, England (0734) 85200

Ampex Corporation • One of The Signal Companies

© 1982 Ampex Corporation
Litho in U.S.A. — 4/82 — V775